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Links: Protein DNA Related Articles

UI - 99402951
 AU - Kajita M
 AU - Kinoh H
 AU - Ito N
 AU - Takamura A
 AU - Itoh Y
 AU - Okada A
 AU - Sato H
 AU - Seiki M
 TI - Human membrane type-4 matrix metalloproteinase (MT4-MMP) is encoded by a novel major transcript: isolation of complementary DNA clones for human and mouse mt4-mmp transcripts.
 LA - Eng
 MH - Amino Acid Sequence
 MH - Animal
 MH - Blotting, Western
 MH - Breast Neoplasms/enzymology/genetics
 MH - Carcinoma/enzymology/genetics
 MH - COS Cells
 MH - DNA Primers
 MH - DNA, Complementary/*isolation & purification
 MH - Gene Amplification/methods
 MH - Human
 MH - Metalloendopeptidases/*genetics/immunology/metabolism
 MH - Mice
 MH - Molecular Sequence Data
 MH - Reverse Transcriptase Polymerase Chain Reaction
 MH - Support, Non-U.S. Gov't
 MH - Transcription, Genetic
 MH - Translation, Genetic
 MH - Tumor Cells, Cultured
 RN - EC 3.4.24 (Metalloendopeptidases)
 RN - EC 3.4.24.- (membrane-type 4 matrix metalloproteinase)
 RN - 0 (DNA Primers)
 RN - 0 (DNA, Complementary)
 PT - JOURNAL ARTICLE
 DA - 19991012
 DP - 1999 Sep 3
 IS - 0014-5793
 TA - FEBS Lett
 PG - 353-6
 SB - M
 SB - X
 CY - NETHERLANDS
 IP - 3
 VI - 457
 JC - EUH
 AA - Author
 EM - 199912
 AB - Five distinct membrane-type matrix metalloproteinases (MT-MMP) have been reported by cDNA cloning. However, the mt4-mmp gene product (MMP-17) has not been identified yet in spite of the cDNA isolation [Puente et al. (1996), Cancer Res. 56, 944-949]. In this study, we re-examined the transcripts for human mt4-mmp by 5' RACE and identified two types of transcripts. The minor one corresponded to the cDNA reported by Puente et al. and failed to express protein, and the other is the major transcript that has an extended open reading frame and expressed 67 and 71 kDa translation products. Thus, functional mt4-mmp has been identified for the first time.
 AD - Department of Cancer Cell Research, Institute of Medical Science, The University of Tokyo, 4-6-1, Shirokanedai, Minato-ku, Tokyo, Japan.
 PMID- 0010471807
 CU - 1999
 SI - GENBANK/AB021224
 PID - S0014579399010650
 EDAT- 1999/09/03 09:00
 MHDA- 1999/09/03 09:00

S0 - FEBS Lett 1999. Sep. 3:457-458 353-6

the above report in format
